

INTERNATIONAL SEARCH REPORT

International Application No
PCT/NL2004/000431

A. CLASSIFICATION OF SUBJECT MATTER IPC 7 G01N21/25 G01N21/77		
According to International Patent Classification (IPC) or to both national classification and IPC		
B. FIELDS SEARCHED		
Minimum documentation searched (classification system followed by classification symbols) IPC 7 G01N H01L		
Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched		
Electronic data base consulted during the international search (name of data base and, where practical, search terms used) EPO-Internal, WPI Data, INSPEC		
C. DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	US 6 331 438 B1 (AYLOTT JONATHAN W ET AL) 18 December 2001 (2001-12-18) figures 2,8 column 4, line 66 - column 8, line 20 column 5, line 22 - line 27 column 6, line 8 - line 14 column 6, line 42 - line 52 <div style="text-align: center;">----- -/--</div>	1-4, 9-23, 25-28
<div style="display: flex; justify-content: space-between;"> <input checked="" type="checkbox"/> Further documents are listed in the continuation of box C. <input checked="" type="checkbox"/> Patent family members are listed in annex. </div>		
* Special categories of cited documents :		
<div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> <p>*A* document defining the general state of the art which is not considered to be of particular relevance</p> <p>*E* earlier document but published on or after the International filing date</p> <p>*L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)</p> <p>*O* document referring to an oral disclosure, use, exhibition or other means</p> <p>*P* document published prior to the International filing date but later than the priority date claimed</p> </div> <div style="width: 45%;"> <p>*T* later document published after the International filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention</p> <p>*X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone</p> <p>*Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.</p> <p>*G* document member of the same patent family</p> </div> </div>		
Date of the actual completion of the international search <div style="text-align: center;">11 October 2004</div>		Date of mailing of the international search report <div style="text-align: center;">19/10/2004</div>
Name and mailing address of the ISA European Patent Office, P.B. 5818 Patentlaan 2 NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo nl, Fax: (+31-70) 340-3016		Authorized officer <div style="text-align: center;">Visscher, E</div>

INTERNATIONAL SEARCH REPORT

International Application No
PCT/NL2004/000431

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	YU G ET AL: "DUAL-FUNCTION SEMICONDUCTING POLYMER DEVICES: LIGHT-EMITTING AND PHOTODETECTING DIODES" APPLIED PHYSICS LETTERS, AMERICAN INSTITUTE OF PHYSICS. NEW YORK, US, vol. 64, no. 12, 21 March 1994 (1994-03-21), pages 1540-1542, XP000434341 ISSN: 0003-6951 page 1540, column 1, paragraph 1 - paragraph 2	1-4, 9-23, 25-28
A	US 2002/027206 A1 (KIM TAE S ET AL) 7 March 2002 (2002-03-07) figure 1 page 2, column 2, paragraph 27 - page 3, column 2, paragraph 38	1,18
A	US 5 039 490 A (MARSONER HERMANN ET AL) 13 August 1991 (1991-08-13) column 2, line 36 - column 3, line 57 figures 1-9 column 4, line 13 - line 23 column 9, line 4 - line 49	1,18
A	SAVVATE'EV V ET AL: "INTEGRATED ORGANIC LIGHT-EMITTING DEVICE/FLUORESCENCE-BASED CHEMICAL SENSORS" APPLIED PHYSICS LETTERS, AMERICAN INSTITUTE OF PHYSICS. NEW YORK, US, vol. 81, no. 24, 9 December 2002 (2002-12-09), pages 4652-4654, XP001144745 ISSN: 0003-6951 the whole document	1,18

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No
PCT/NL2004/000431

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
US 6331438	B1	18-12-2001	AU 2725001 A EP 1171764 A1 JP 2003515163 T WO 0138857 A1	04-06-2001 16-01-2002 22-04-2003 31-05-2001
US 2002027206	A1	07-03-2002	NONE	
US 5039490	A	13-08-1991	AT 390330 B AT 390678 B AT 109486 A AT 77483 T DE 3779807 D1 DK 203587 A EP 0244394 A2 JP 1914753 C JP 6043965 B JP 62261036 A US 5157262 A AT 270786 A	25-04-1990 11-06-1990 15-09-1989 15-07-1992 23-07-1992 24-10-1987 04-11-1987 23-03-1995 08-06-1994 13-11-1987 20-10-1992 15-11-1989